

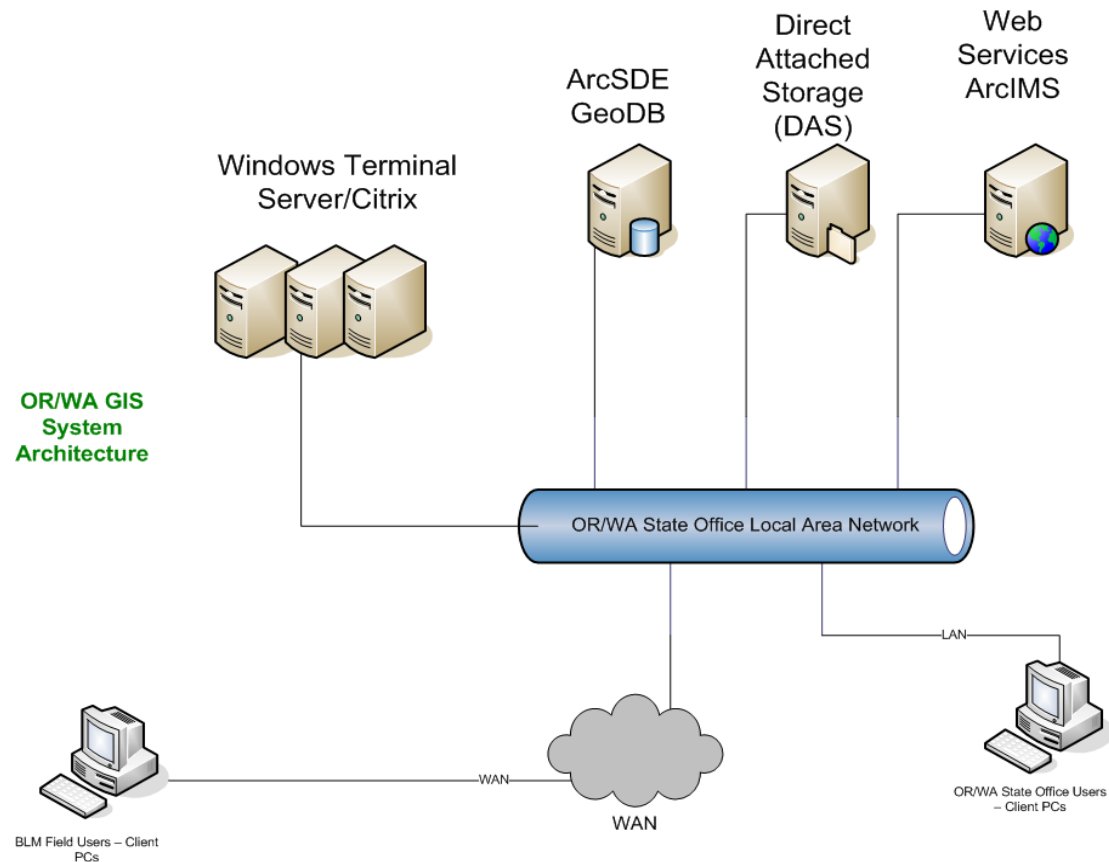


Geospatial Infrastructure for Land Use Planning

System Support and Technical
Configuration

Kiet Nguyen

Infrastructure Diagram





System Configuration

- 15 Dell servers in the Citrix Farm
 - Windows 2003 Server
 - Citrix Presentation Server 4.0
 - ArcGIS 9.1
 - MS Office 2003
- 4 servers are dedicated for batch processing
 - Publish application for overnight processing



System Configuration Cont.

- SDE for INFORMIX server.
 - IBM P650 running AIX ver 5.3L
 - INFORMIX 9.40 UC3
 - ArcSDE 9.1
 - Two instances of INFORMIX (wopr "134GB" and wopr1 "28GB")



System Configuration Cont.

- Direct Attached Storage (DAS)
 - 3 x 2.18TB DAS servers
 - One dedicated for Project data
 - One dedicated for TSPprofiles and workspace
 - One dedicated for Gisdata

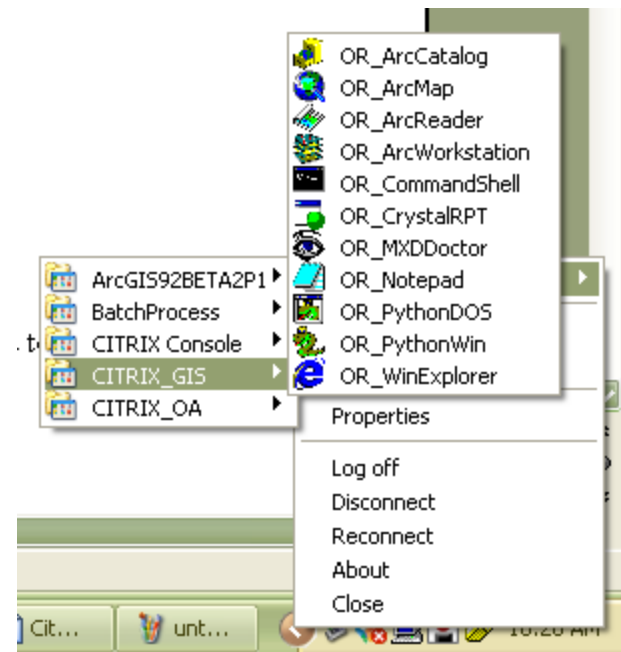
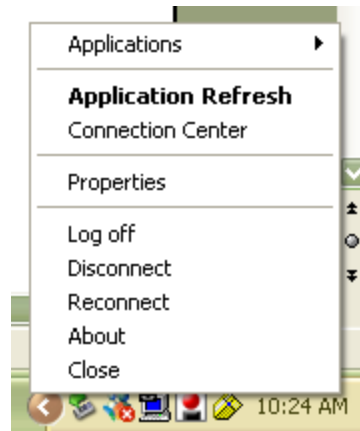


System Configuration Cont.

- Web Services – ArcIMS
 - Sun Solaris 10 server (SunfireV490)
 - ArcIMS 9.1
 - 2x1.35GHz – 4GB Mem
 - Internal 280GB

Client Configuration.

- Windows XP.
- CITRIX Program Neighborhood Agent version 9.15





Lessons Learn

- Store data on the central location and on the same network with the Windows Terminal Server.
- Use Terminal Services Profile.
- Reboot server daily.
- Plan ahead for any automated security patch or upgrade.
- Dedicated batch process servers.